



JUL 08 2004

**OFFICIAL**2635 North First St. Suite 223  
San Jose, CA 95134  
Tel: 408.382.0480  
Fax: 408.382.0481**FACSIMILE COVER SHEET**

<b>Date:</b>	<b>July 8, 2004</b>	<b>Fax:</b>	<b>703-872-9306</b>
<b>To:</b>	<b>U.S. Patent and Trademark Office</b>	<b>Phone:</b>	<b>703-306-3329</b>

**Commissioner for Patents**  
**P. O. Box 1450**  
**Alexandria, VA 22313-1450**

<b>From:</b>	<b>Rachel V. Leiterman</b>
<b>Serial No.:</b>	<b>09/880,204</b>
<b>Docket:</b>	<b>LUM-M-8633-1P US</b>
<b>Re:</b>	<b>Response to Office Action</b>
<b>Pages:</b>	<b>13 (including cover sheet)</b>

**Message:**

**Re: Applicant(s):** Camras, Michael D.; Krames, Michael R.; Snyder, Wayne L.;  
Steranka, Frank M.; Taber, Robert C.; Uebbing, John J.; Pocius,  
Douglas W.; Trottier, Troy A.; Lowery, Christopher H.; Mueller,  
Gerd O.; Mueller-Mach, Regina B.; Hofler, Gloria E.

**Assignee:** Lumileds Lighting U.S., LLC

**Title:** Light Emitting Diodes With Improved Extraction Efficiency

**Serial No.:** 09/880,204

**Examiner:** Remmon R. Fordé

**Docket No.:** M-8633-1P US

**Filed:** June 12, 2001

**Group Art Unit:** 2826

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Transmittal Letter (1 page);
- (2) Response to Office Action (11 pages).

The information contained in this message is intended only for the personal and confidential use of the designated recipient(s) named above. This message may be an attorney-client communication and may be protected by the work product doctrine. As such, this document is privileged and confidential. If the reader of this message is not the intended recipient, you are hereby notified that you have received this document in error and that any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and destroy any copies of this document in your possession. Thank you.



RECEIVED  
CENTRAL FAX CENTER

JUL 08 2004

OFFICIAL

July 8, 2004

Brian D. Ogonowsky

Carmen C. Cook

David C. Hsia

Rachel V. Leiterman

Via Facsimile  
Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Re: Applicant(s): Camras, Michael D.; Krames, Michael R.; Snyder, Wayne L.;  
Steranka, Frank M.; Taber, Robert C.; Uebbing, John J.; Pocius,  
Douglas W.; Trottier, Troy A.; Lowery, Christopher H.; Mueller,  
Gerd O.; Mueller-Mach, Regina B.; Hofler, Gloria E.  
Assignee: Lumileds Lighting U.S., LLC  
Title: Light Emitting Diodes With Improved Extraction Efficiency  
Serial No.: 09/880,204  
Examiner: Remmon R. Fordé Filed: June 12, 2001  
Docket No.: M-8633-1P US Group Art Unit: 2826

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) This Transmittal Letter (1 page);
- (2) Response to Office Action (11 pages).

- ☒ No additional fee is required.  
☐ The fee has been calculated as shown below:

	Claims Remaining <u>After Amendment</u>		Highest No. <u>Previously Paid For</u>		Present <u>Extra</u>	<u>Rate</u>		Additional <u>Fee</u>
Total Claims	64	Minus	65	=	0	x \$18	\$	0.00
Independent Claims	4	Minus	5	=	0	x \$86	\$	0.00
<input type="checkbox"/>	Fee of _____ for the first filing of one or more multiple dependent claims per application							\$
<input checked="" type="checkbox"/>	Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.							
<input type="checkbox"/>	Please charge our Deposit Account No. 502226 in the amount of							0.00
<input checked="" type="checkbox"/>	Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 502226.							
Total:							\$	0.00

Certification of Facsimile Transmission	
I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.	
<i>R. Leiterman</i> Signature	7/8/04 Date

Respectfully submitted,

Rachel V. Leiterman  
Attorney for Applicant(s)  
Reg. No. 46,868

2635 North First Street, Suite 223, San Jose, CA 95134 ph: (408) 382-0480 fax: (408) 382-0481 www.patentlawgroup.com

OFFICIAL

CENTRAL FAX CENTER

JUL 08 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Michael D. Camras et al.  
Assignee: Lumileds Lighting U.S. LLC  
Title: Light Emitting Diodes With Improved Extraction Efficiency  
Serial No.: 09/880,204 Filing Date: June 12, 2001  
Examiner: Remmon R. Fordé Group Art Unit: 2826  
Docket No.: M-8633-1P US

San Jose, California

July 8, 2004

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

Dear Sir:

This responds to the Office Action dated April 21, 2004. Please amend the above-identified application as follows.

Amendments to the claims are reflected in the listing of claims beginning on page 2 of this paper.

Remarks begin on page 11 of this paper.

PATENT LAW  
GROUP LLP  
2635 N. MISSION ST.  
SUITE 223  
SAN JOSE, CA 95134  
(408) 382-0480  
FAX (408) 382-0481